

## SABIC Innovative Plastics LNP Lubricomp OP005XXC PPS

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

**Material Notes:**

LNP LUBRICOMP\* OP005XXC is a compound based on Polyphenylene Sulfide resin containing PTFE, Silicone. Added features of this material include: Internally Lubricated. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Lubricomp-OP005XXC-PPS.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-OP005XXC-PPS.php)

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	46.0 MPa	6670 psi	ASTM D 638
Elongation at Break	5.0 %	5.0 %	ASTM D 638
Tensile Modulus	2.68 GPa	389 ksi	50 mm/min; ASTM D 638
Flexural Strength	82.0 MPa	11900 psi	ASTM D 790
Flexural Modulus	2.79 GPa	405 ksi	ASTM D 790
Izod Impact, Notched	0.370 J/cm @Temperature 23.0 Â°C	0.693 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	1.92 J/cm @Temperature 23.0 Â°C	3.60 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	96.0 Â°C @Thickness 3.20 mm	205 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

### Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China